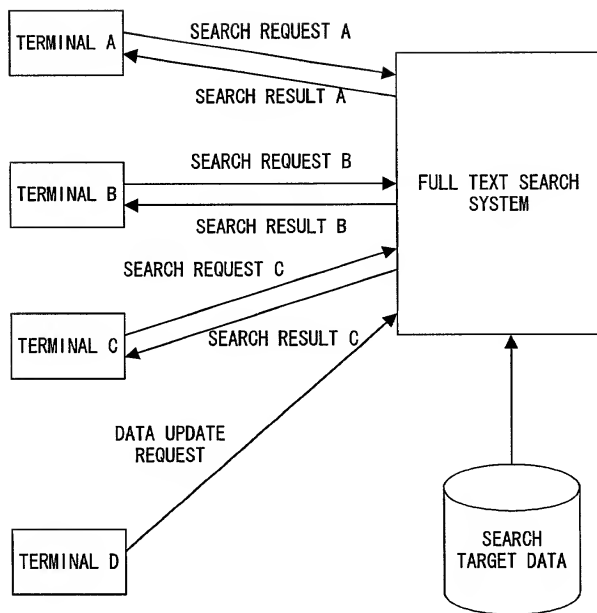


FIG. 1



F I G. 2

[K] <NO>1[K] <NAME>○○○○[K] <ALMA MATER>AA UNIVERSITY[K] <BIRTHPLACE>○○[K] <SEX>MALE[K] [R]
 [K] <NO>2[K] <NAME>××××[K] <ALMA MATER>BB UNIVERSITY[K] <BIRTHPLACE>××[K] <SEX>FEMALE[K] [R]
 [K] <NO>3[K] <NAME>△△△△[K] <ALMA MATER>CC UNIVERSITY[K] <BIRTHPLACE>△△[K] <SEX>MALE[K] [R]
 :
 :

F I G. 3

	ITEM TAG	SEARCH WORD
A	<NAME>	○○○○
B	<ALMA MATER>	AA UNIVERSITY
SEARCH CONDITION FORMULA	A and B	

F I G . 4

PERSONNEL INFORMATION SEARCH CONDITIONS

NAME	<input type="text" value="OOOO"/>	
ALMA MATER	<input type="text" value="AA UNIVERSITY"/>	<input type="button" value="▼"/>
BIRTHPLACE	<input type="text"/>	<input type="button" value="▼"/>
SEX	<input type="text"/>	<input type="button" value="▼"/>

F I G. 5

PERSONNEL INFORMATION SEARCH RESULTS		1/1
NO	<input type="text" value="1"/>	
NAME	<input type="text" value="OOOO"/>	
ALMA MATER	<input type="text" value="AA UNIVERSITY"/>	
BIRTHPLACE	<input type="text" value="OO"/>	
SEX	<input type="text" value="MALE"/>	

F I G. 6

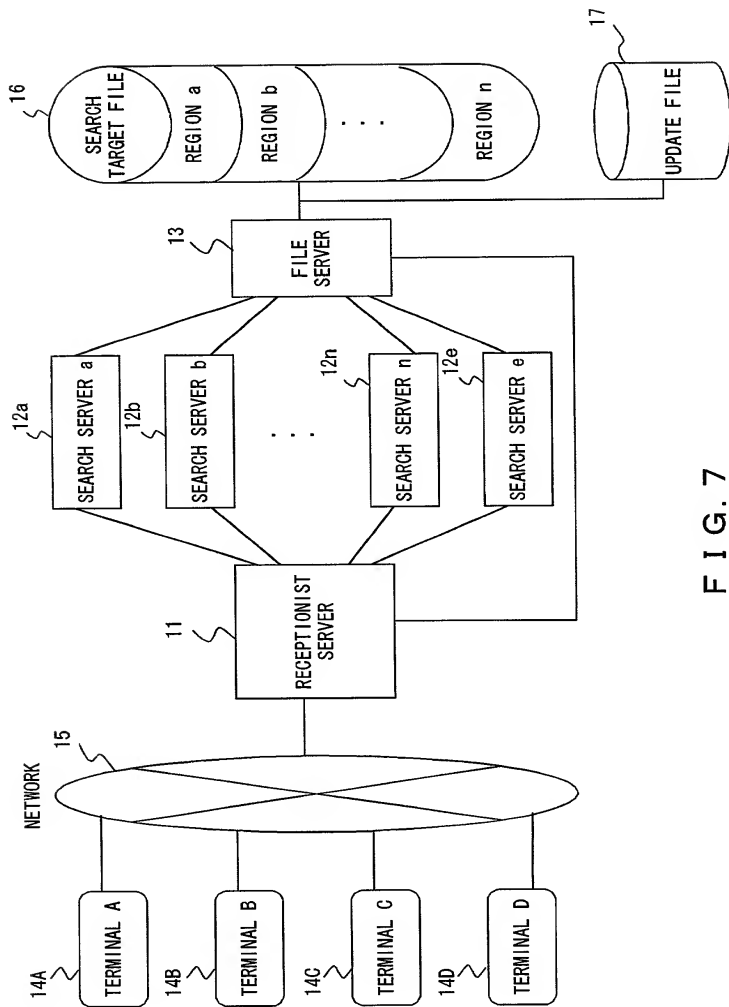


FIG. 7

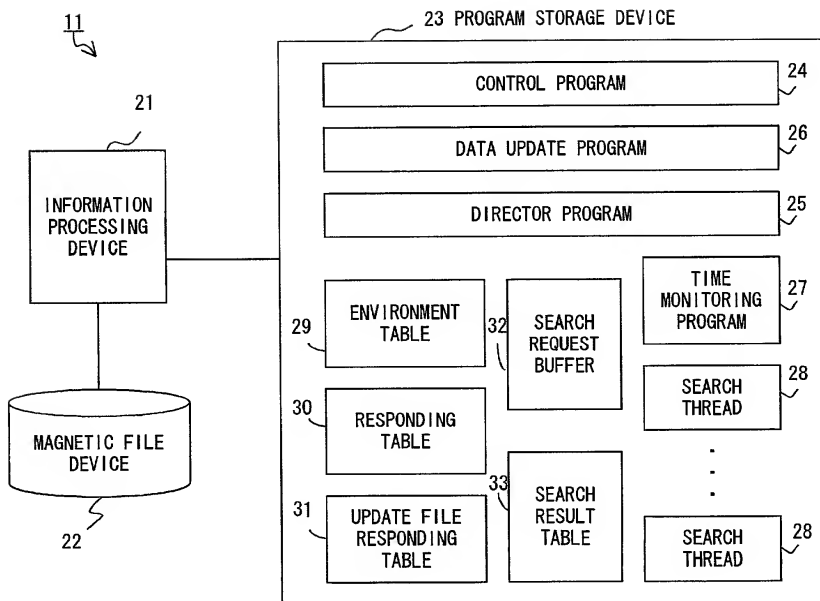


FIG. 8

12a~12e

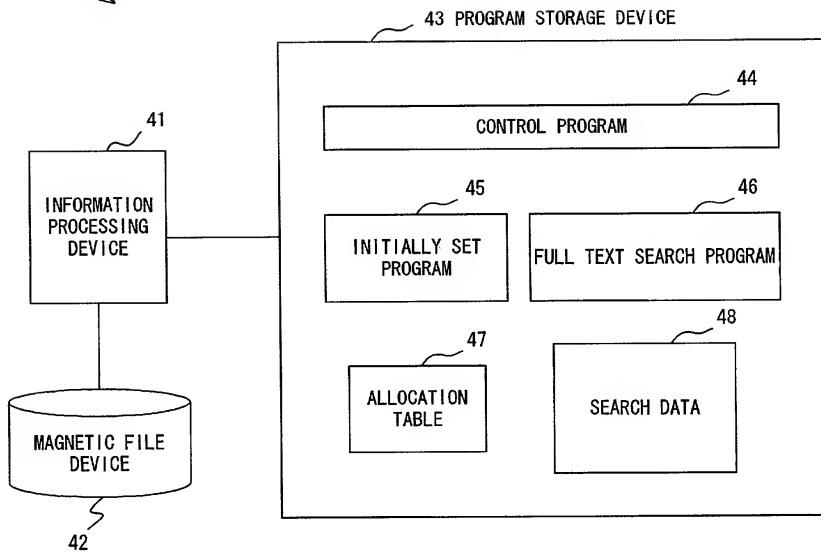


FIG. 9

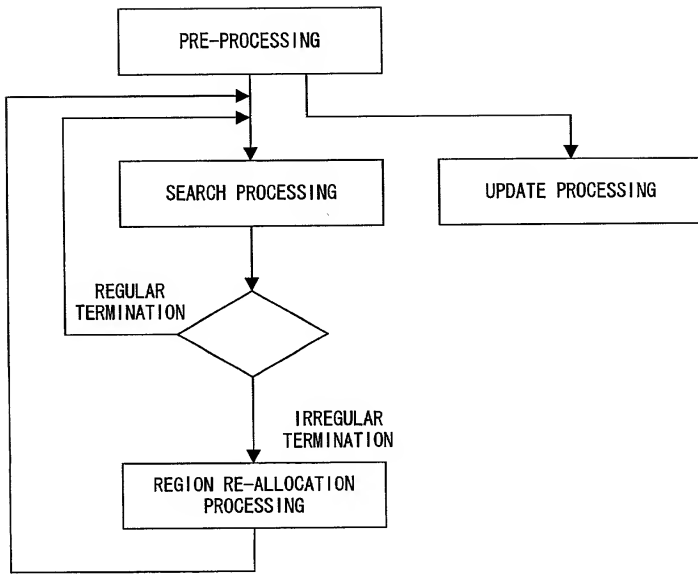


FIG. 10

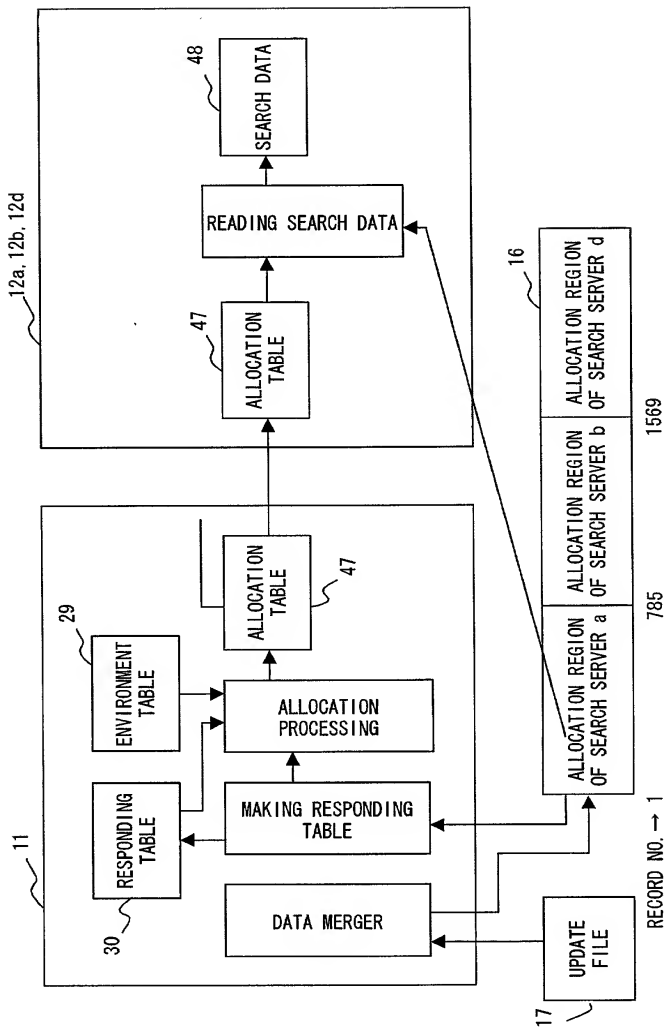


FIG. 11

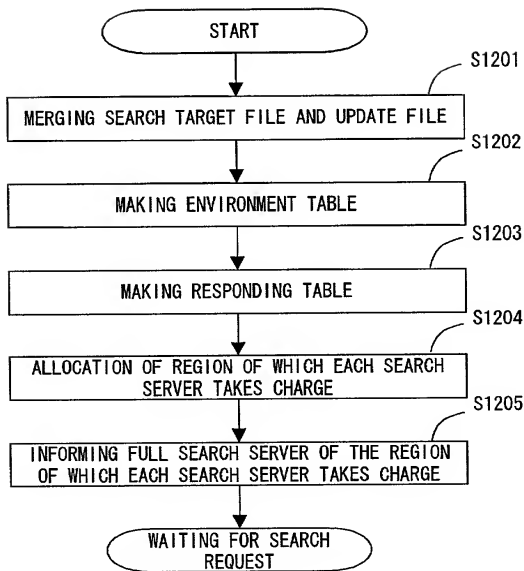


FIG. 12

29

29a SEARCH SERVER NAME	29b ADDRESS	29c STATE FLAG	29d FLAG 'IN CHARGE OF UPDATE FILE
SEARCH SERVER a	15. 85. 145. 01	0	0
SEARCH SERVER b	15. 85. 145. 02	0	0
SEARCH SERVER c	15. 85. 145. 03	1	0
SEARCH SERVER d	15. 85. 145. 04	0	0
SEARCH SERVER e	14. 85. 145. 05	0	1

FIG. 13

30

RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
1	0	250
2	250	580
3	830	322
4	1152	108
.		
2351	452442	242

30a 30b 30c

FIG. 14

47

47a

47b

47c

RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
1	0	250
2	250	580
3	830	322
4	1152	108
• • •		
784	168997	206

FIG. 15

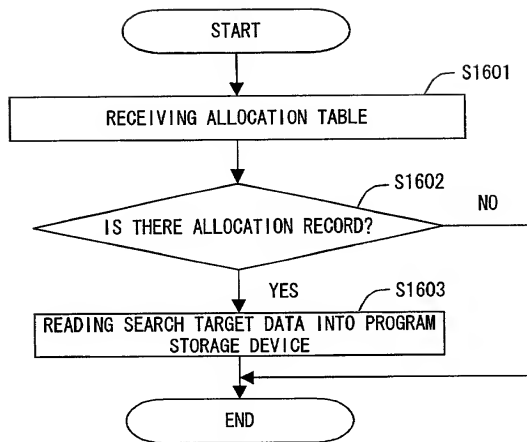


FIG. 16

48


[K] <NO>1 [K] <NAME> O O O O [K] <ALMA MATER> AA UNIVERSITY [K] <BIRTHPLACE> O O [K] <SEX> MALE [K] [R]
 [K] <NO>2 [K] <NAME> X X X X [K] <ALMA MATER> BB UNIVERSITY [K] <BIRTHPLACE> X X [K] <SEX> FEMALE [K] [R]
 [K] <NO>3 [K] <NAME> Δ Δ Δ Δ [K] <ALMA MATER> CC UNIVERSITY [K] <BIRTHPLACE> Δ Δ [K] <SEX> MALE [K] [R]

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F I G. 1 7

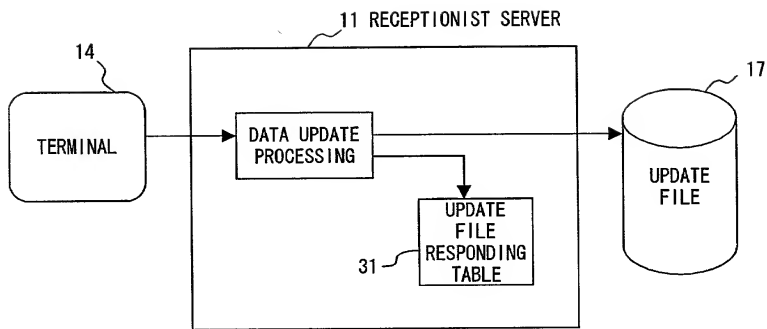


FIG. 18

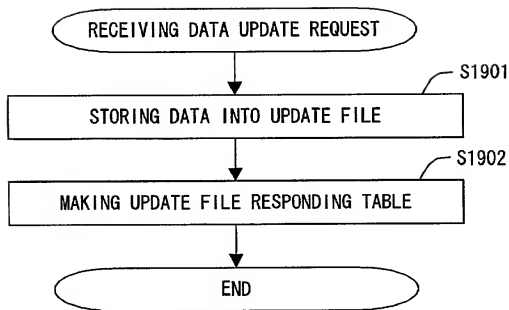


FIG. 19

31

RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
2352	0	224
2353	224	108
282	332	306
2354	638	278

F I G. 2 0

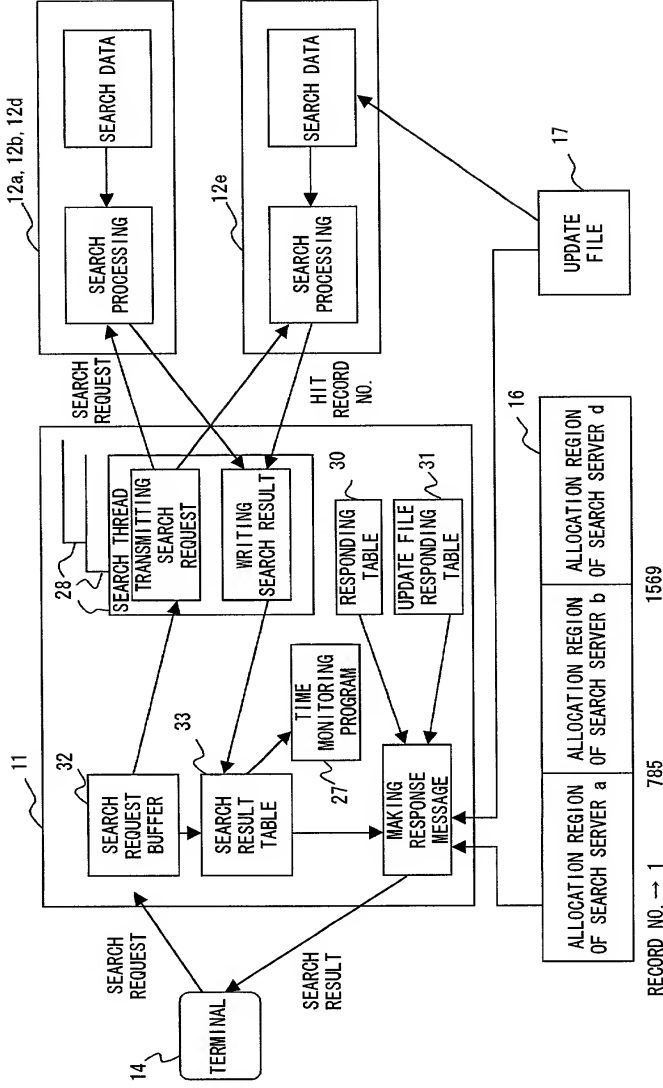


FIG. 21

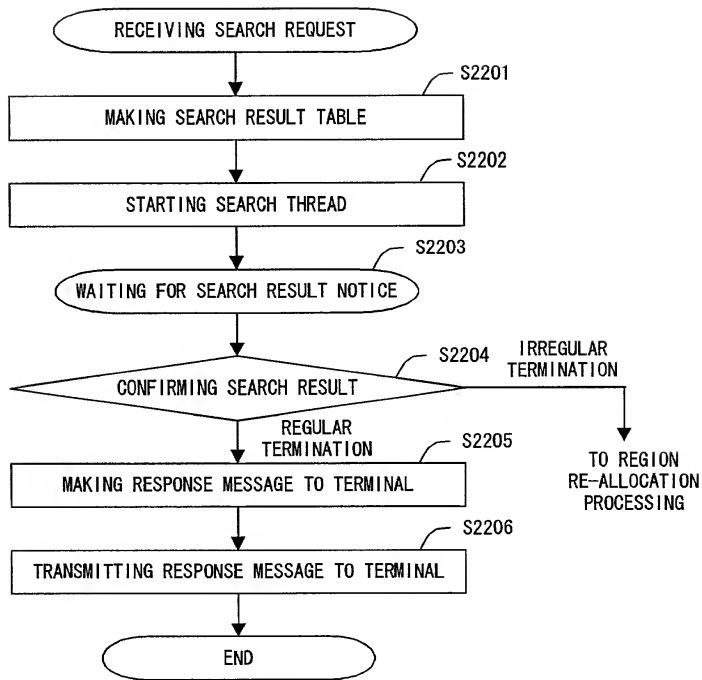


FIG. 22

33 ↘

	33a ↘	33b ↘	33c ↘	33d ↘
SEARCH SERVER NAME	FLAG IN CHARGE OF UPDATE FILE	PROCESSING RESULT FLAG	PROCESSING FINISHING TIME	HIT RECORD NO.
SEARCH SERVER a	0			
SEARCH SERVER b	0			
SEARCH SERVER d	0			
SEARCH SERVER e	1			

F I G. 2 4

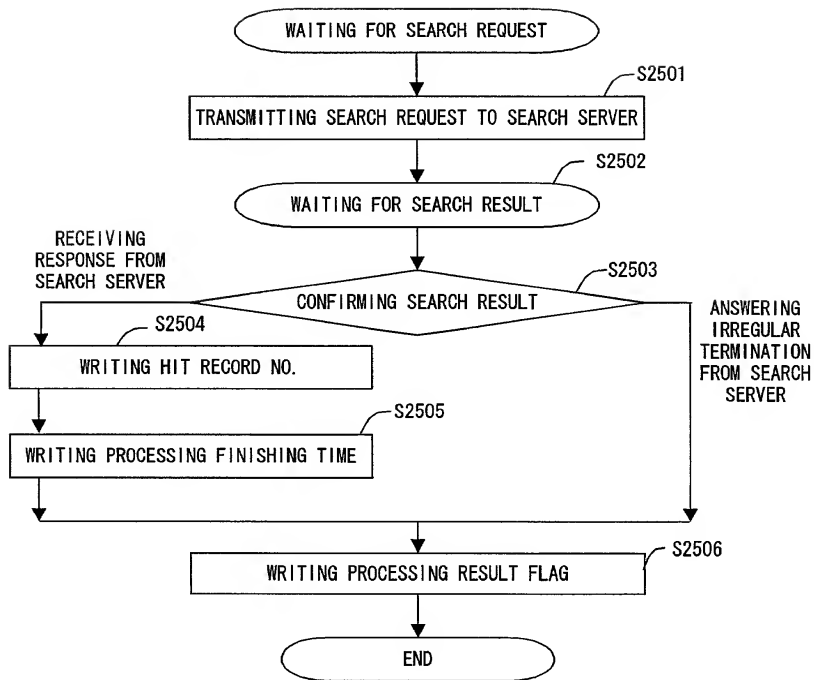


FIG. 25

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HIT RECORD NO.
2, 245, 501

F I G. 2 6

33

SEARCH SERVER NAME	33a FLAG IN CHARGE OF UPDATE FILE	33b PROCESSING RESULT FLAG	33c PROCESSING FINISHING TIME	33d HIT RECORD NO.
SEARCH SERVER a	0	1	102601541	2, 245, 501
SEARCH SERVER b	0	1	102601545	
SEARCH SERVER d	0	2		
SEARCH SERVER e	1	1	102601538	2353

FIG. 27

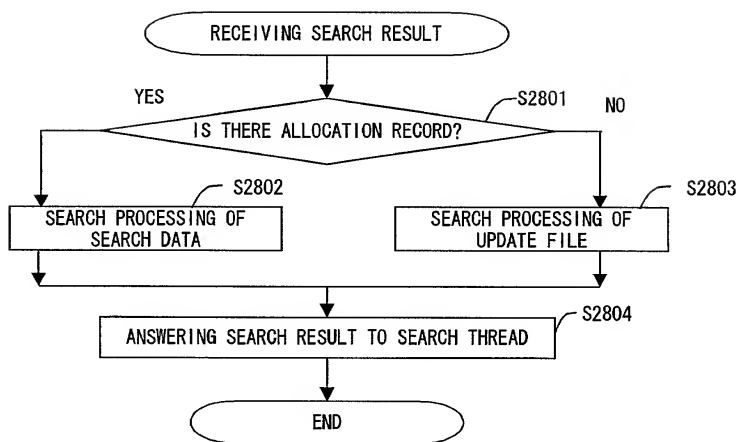


FIG. 28

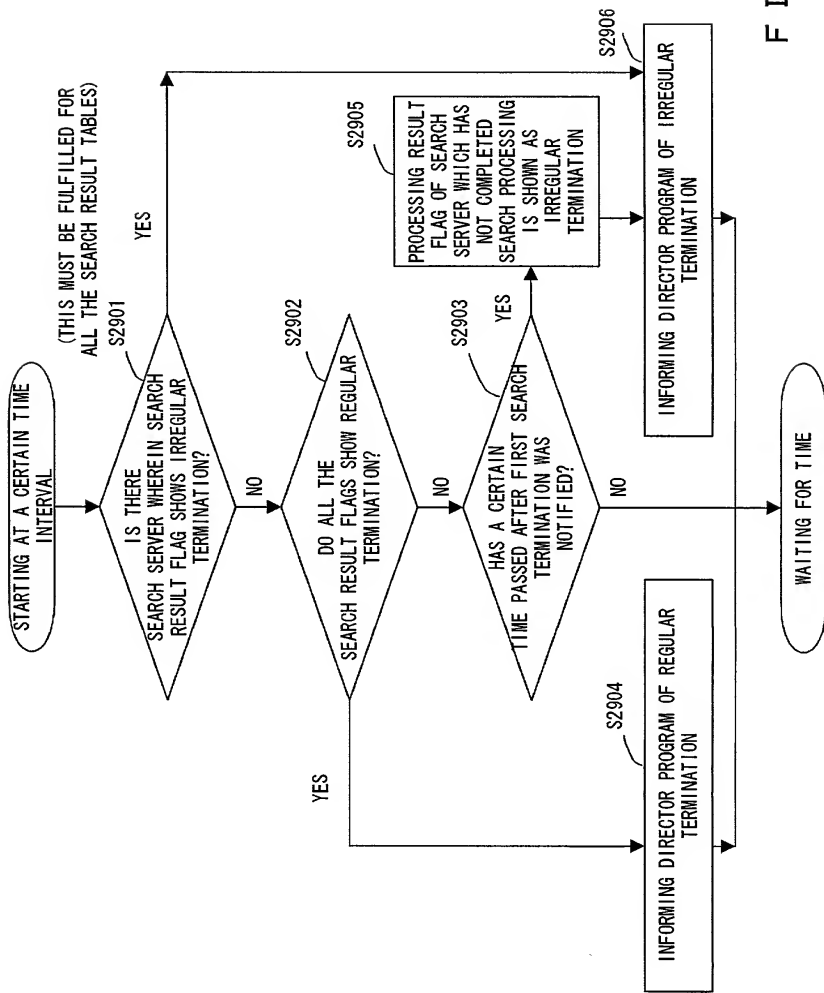


FIG. 29

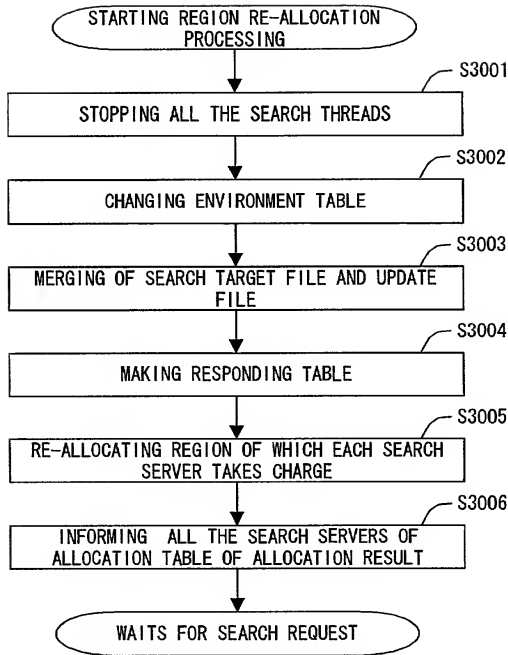


FIG. 30

FIG. 31

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29a

29d

29b

29c

SEARCH SERVER NAME	FLAG IN CHARGE OF UPDATE FILE	ADDRESS	STATE FLAG
SEARCH SERVER a	0	15. 85. 145. 01	0
SEARCH SERVER b	0	15. 85. 145. 02	0
SEARCH SERVER c	0	15. 85. 145. 03	1
SEARCH SERVER d	0	15. 85. 145. 04	1
SEARCH SERVER e	1	15. 85. 145. 05	0

F I G. 3 1

16 SEARCH TARGET FILE

BEFORE
ALLOCATION
CHANGE

ALLOCATION REGION OF SEARCH SERVER a	ALLOCATION REGION OF SEARCH SERVER b	ALLOCATION REGION OF SEARCH SERVER d
---	---	---

RECORD NO → 1

785

1569

16 SEARCH TARGET FILE

AFTER
ALLOCATION
CHANGE

ALLOCATION REGION OF SEARCH SERVER a	ALLOCATION REGION OF SEARCH SERVER b
---	---

RECORD NO → 1

1180

FIG. 32

20230623 09:37:03

47 ↘

47a

47b

47c

RECORD NO.	TOP ADDRESS OF RECORD	LENGTH OF RECORD
1	0	250
2	250	580
3	830	322
4	1152	108
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1179	246146	188

F I G. 3 3

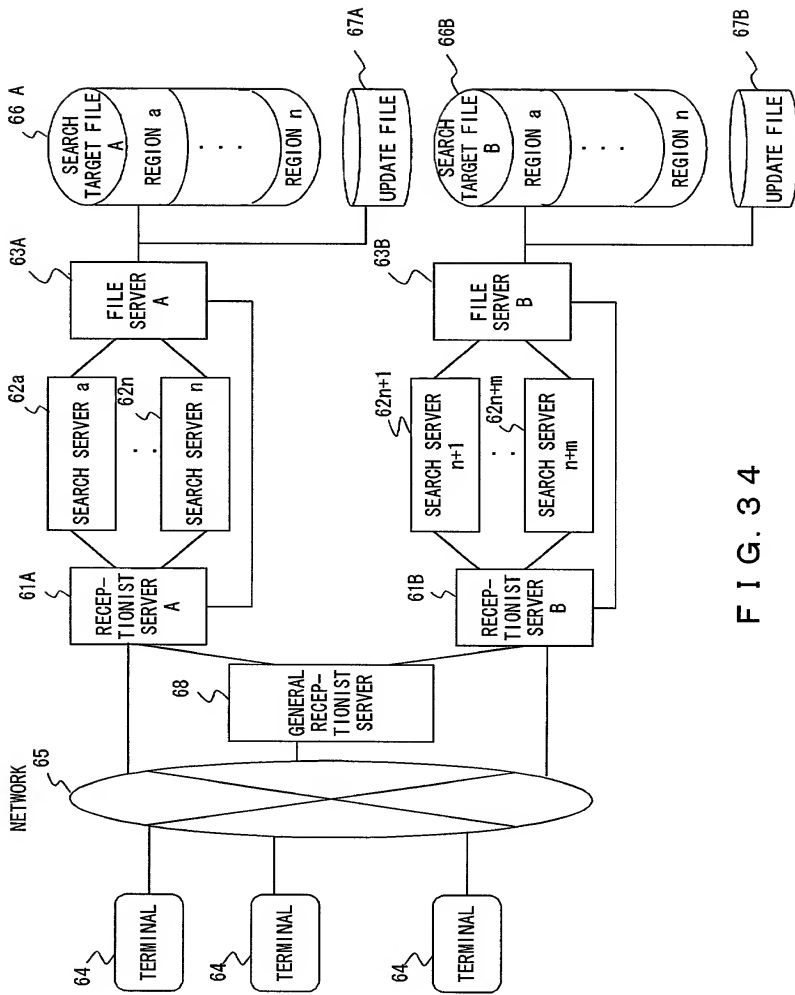


FIG. 34

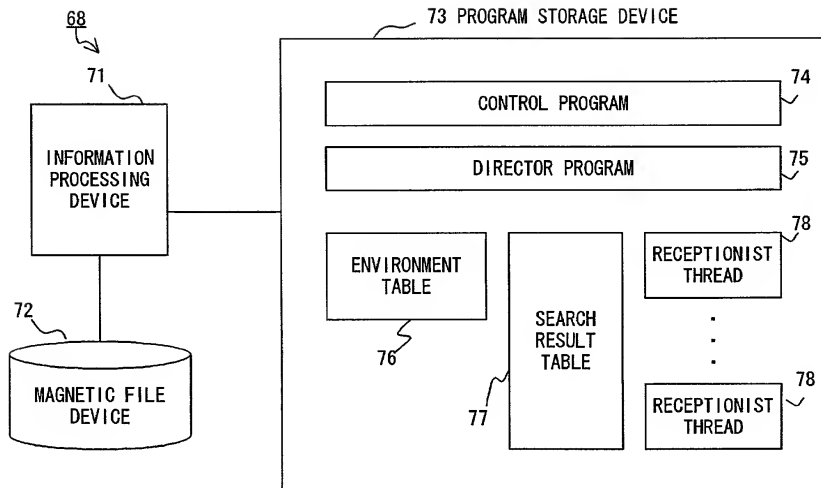


FIG. 35

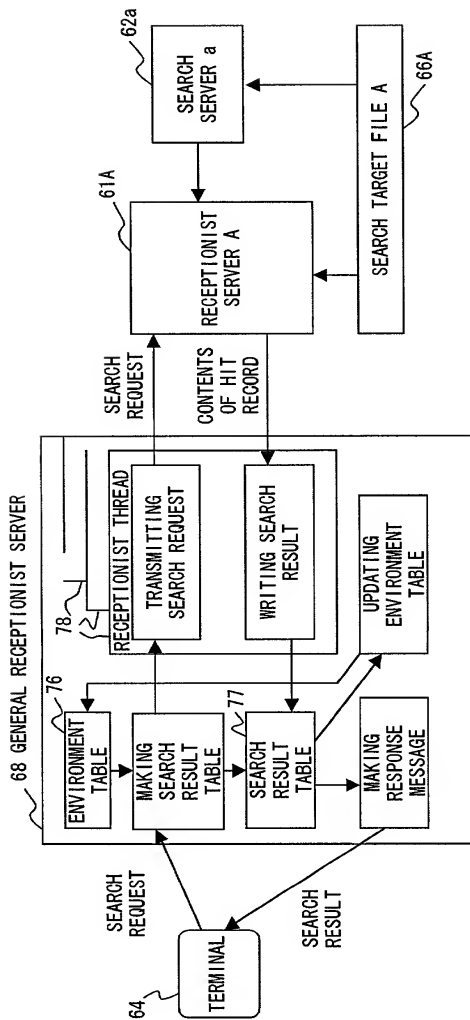


FIG. 36

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76a

76b

76c

RECEPTIONIST SERVER NAME	ADDRESS	STATE FLAG
RECEPTIONIST SERVER a	16. 85. 102. 01	0
RECEPTIONIST SERVER b	22. 36. 155. 02	0
RECEPTIONIST SERVER c	18. 24. 233. 01	0
RECEPTIONIST SERVER d	34. 26. 111. 01	1
RECEPTIONIST SERVER e	45. 88. 188. 02	0

F I G. 3 7

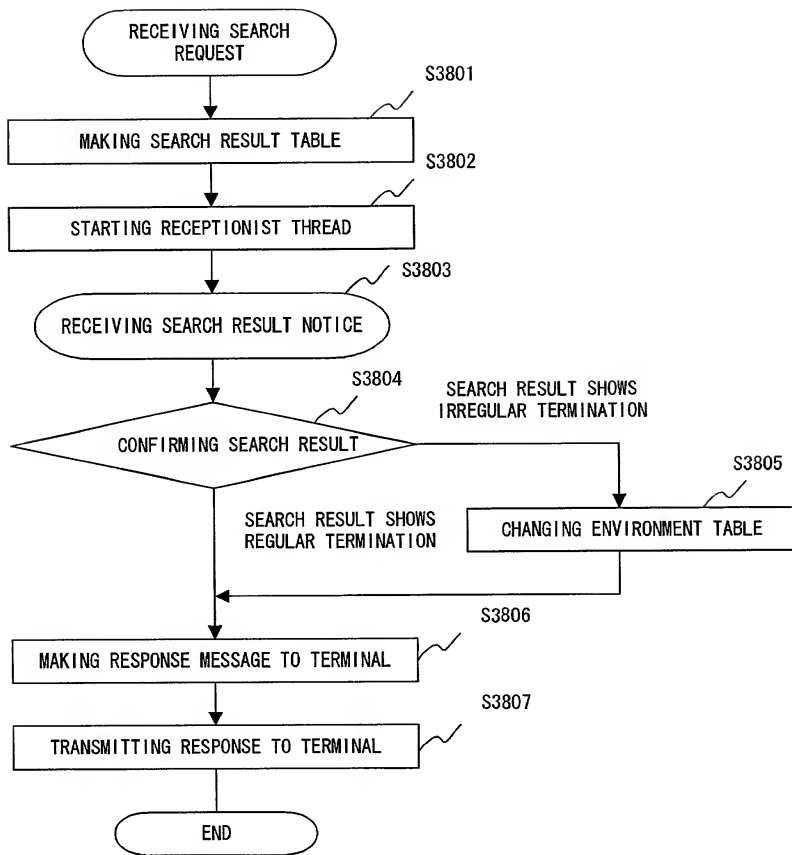


FIG. 38

FIG. 39

77 ↘

77a

77b

77c

RECEPTIONIST SERVER NAME	PROCESSING RESULT FLAG	SEARCH RESULT
RECEPTIONIST SERVER a		
RECEPTIONIST SERVER b		
RECEPTIONIST SERVER c		
RECEPTIONIST SERVER c		

FIG. 39

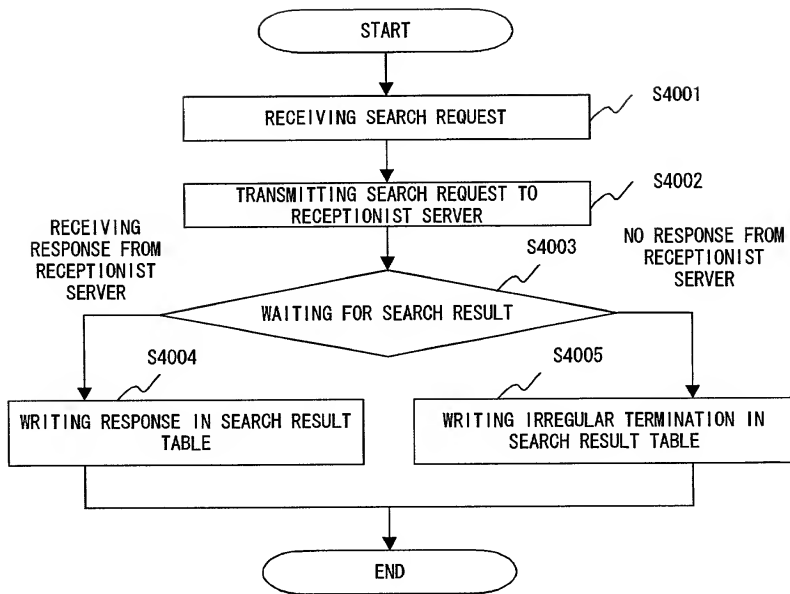


FIG. 40

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CONTESTS OF HIT RECORD
[K]<NAME>OO....., [K]<NAME>OO...

F I G. 4 1

FIG. 42

77

RECEPTIONIST SERVER NAME	PROCESSING RESULT FLAG	SEARCH RESULT
RECEPTIONIST SERVER a	1	[K]<NAME>○○○○
RECEPTIONIST SERVER b	1	
RECEPTIONIST SERVER c	2	
RECEPTIONIST SERVER e	1	[K]<NAME>○○○○

FIG. 42

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76a

76b

76c

RECEPTIONIST SERVER NAME	ADDRESS	STATE FLAG
RECEPTIONIST SERVER a	16. 85. 102. 01	0
RECEPTIONIST SERVER b	22. 36. 155. 02	0
RECEPTIONIST SERVER c	18. 24. 233. 01	1
RECEPTIONIST SERVER d	34. 26. 111. 01	1
RECEPTIONIST SERVER e	45. 88. 188. 02	0

F I G. 4 3